

Pfeiffer, Jane K - DNR

From: Pfeiffer, Jane K - DNR
Sent: Thursday, May 12, 2022 11:12 AM
To: Robert Reineke
Cc: Pratap Singh
Subject: RE: Community Within the Corridor - West Block (02-41-587376) - Technical Assistance Letter

Follow Up Flag: Follow up
Flag Status: Completed

Hi Robert,

Thank you for speaking with me concerning the questions and additional information presented in your email below. The DNR looks forward to receiving the revised commissioning plan and the formal sample results notifications via the RR portal.

Thank you,

Jane

We are committed to service excellence.

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Jane Pfeiffer

Phone: (414) 435-8021

jane.pfeiffer@wisconsin.gov

From: Robert Reineke <rreineke@ksinghengineering.com>
Sent: Wednesday, May 11, 2022 6:27 PM
To: Pfeiffer, Jane K - DNR <jane.pfeiffer@wisconsin.gov>
Cc: Pratap Singh <psingh@ksinghengineering.com>
Subject: RE: Community Within the Corridor - West Block (02-41-587376) - Technical Assistance Letter

**CAUTION: This email originated from outside the organization.
Do not click links or open attachments unless you recognize the sender and know the content is safe.**

Jane,

Thank you for responding in an expedited manner. We very much appreciate it.

I've read the letter and will look into some of the requests that were made. The letter indicates a couple of instances of additional vapor pins, but I'm not sure how many additional pins are really needed and what the appropriate density is. RR-800 does not provide any guidance on how many vapor pins are necessary during commissioning to determine the adequacy of sub-slab depressurization during commissioning. For instance, while we will put an additional point to the

west of SVP-10, there are 5 vapor extraction points in the vicinity and surrounding the proposed point so we left it out initially as being of limited benefit. There was similar reasoning for why putting a point SW of SVP-25, where it is surrounded by six extraction points, was not considered likely to provide much in the way of useful information. Any additional guidance you can provide for number additional SVPs is appreciated.

Similarly, any additional guidance that can be provided on indoor air sample density is appreciated. In particular, given the relative density of CVOCs we believe that less sampling may be required on upper floors than on lower floors.

As we discussed, due to high demand the availability of Summa canisters right now is very limited. We will propose an expanded indoor air sampling plan, but it may have to be performed in stages as what the WDNR is asking us to do may be impossible at the moment. Performing 1 to 2 week air sampling may be equally impossible if asked to do so in a large quantity.

Also, I researched our activities and I'm happy to report that we performed the third round of sampling for sub-slab vapors in the basements of buildings 8A, 6, and 4 and collected an indoor air sample at the tunnel entrance on March 7, 2022. None of the basement sub-slab samples exceeded any VRSLs and the indoor air sample complied with VALs. We'll prepare a report shortly, but I've attached summary tables, maps showing the locations of the SSV and air samples, and the lab report for your reference. This should address Item 1 of your technical assistance letter.

Please contact us if you have any questions.

Robert T. Reineke, P.E.

Principal Engineer | rreineke@ksinghengineering.com
262. 821.1171 ext. 111 (p) | 262.424.5191 (cell)
www.ksinghengineering.com



From: Pfeiffer, Jane K - DNR <jane.pfeiffer@wisconsin.gov>

Sent: Wednesday, May 11, 2022 4:33 PM

To: shane@roerscompanies.com

Cc: que@scott-crawford.com; Robert Reineke <rreineke@ksinghengineering.com>; Pratap Singh <psingh@ksinghengineering.com>; Daniel Pelczar <dpelczar@ksinghengineering.com>

Subject: Community Within the Corridor - West Block (02-41-587376) - Technical Assistance Letter

Greetings,

Please see the attached technical assistance/VMS commissioning plan review letter for the above-referenced site.

Thank you,

Jane

We are committed to service excellence.

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Jane K. Pfeiffer

Hydrogeologist - Remediation & Redevelopment Program
Wisconsin Department of Natural Resources

Phone: (414) 435-8021

jane.pfeiffer@wisconsin.gov



Total Control Panel

[Login](#)

To: rreineke@ksinghengineering.com
From: prvs=1234a4f5b=jane.pfeiffer@wisconsin.gov

Message Score: 1
My Spam Blocking Level: Low

High (60): **Pass**
Medium (75): **Pass**
Low (90): **Pass**

[Block](#) this sender
[Block](#) wisconsin.gov

This message was delivered because the content filter score did not exceed your filter level.